



## Author Index

Anghel, D.F. 89  
Ardizzone, S. 45

Babačić, O. 261  
Bakas, T.B. 191  
Baran, A. 89  
Benkreira, H. 37  
Bergenstahl, B. 183  
Buffle, J. 271, 279

Cattania, M.G. 45  
Chiu, Y.C. 155  
Cini, R. 251  
Cohen Stuart, M.A. 235  
Corak, M. 203

Davie, C.M. 37  
Davis, H.T. 63  
Degli Innocenti, N. 251  
de la Maza, A. 79  
de las Nieves, F.J. 55  
Derek, V. 261

Evers, O. 135

Fainerman, V.B. 213  
Fäldt, P. 183  
Farinha, J.P. 271, 279  
Forssberg, E. 117

Galešić, M. 261  
Geeraerts, G. 149  
Gómez-Fernández, J.-C. 225

Hadicke, E. 135  
Hadžiivanov, K. 9

Hall, D.G. 285  
Heimer, S. 261  
Ho, C.C. 17  
Hrust, V. 261  
Hrymak, A. 203  
Hudson, M.J. 191  
Hwang, H.J. 155

Iovescu, A. 89  
Ivezić, Z. 261

Joos, P. 149, 213  
Jurković, D. 261

Lagarde, P. 167  
Lazzari, P. 45  
Lee, G. 225  
Lee, K.C. 17  
Ley, G. 135  
Lieckfeldt, R. 225  
Liz Marzáñ, L. 95  
Loglio, G. 251  
Lugo, P. 45

Makievski, A.V. 213  
Mandjukov, P. 9  
Mansot, J.L. 167  
McClements, D.J. 25  
Mikhailik, O.M. 111  
Mikhailova, S.S. 111  
Miller, R. 251  
Miller, W.G. 63  
Mota, A.M. 271, 279

Nechifor, Gh. 1

Olteanu, M. 1

Pankratov, Yu.V. 111  
Parra, J.L. 79  
Pelton, R. 203  
Petrakis, D.E. 191  
Peula, J.M. 55  
Philipse, A.P. 95  
Pomonis, P.J. 191  
Popescu, G. 1  
Povstugar, V.I. 111  
Pugh R.J. 117

Rupčić, S. 261

Saito, S. 89  
Schröen, C.G.P.H. 235  
Scriven, L.E. 63  
Sdoukos, A.T. 191  
Simões Gonçalves, M.L. 271, 279  
Stortini, A. 251

Tesei, U. 251  
Težak, Đ. 261

Van der Padt, A. 235  
Van De Wiele, M. 203  
Van't Riet, K. 235  
Vasileva, E. 9  
Villalain, J. 225

Wang, Y. 117  
Wéry, J. 167

Zelović, V. 261  
Zhu, S. 63



## Subject Index

A.c. voltammetry, 271, 279  
Adhesion, 203  
Adsorption, 9, 17, 37, 55, 213, 271, 279, 285  
Aggregates, 37  
Alkylbenzenesulfonates, 261  
Anatase, 9  
  
Block copolymers, 235  
Bovine serum albumin, 55  
  
Carboxyfluorescein release, 79  
Catalysis, 95  
Chromate ions, 9  
Chromite, 117  
CMC, 79  
Colloidal platinum, 95  
Colloidal stability, 55, 117  
Contact angle, 1, 235  
Copper phthalocyanines, 37  
Core-shell, 135  
Critical points, 89  
  
Depletion, 25  
Deposition, 203  
Dichromate ions, 9  
Diffusive surface relaxation, 251  
Dispersion, 37  
Distributed-systems theory, 251  
Dynamic surface tension, 149  
  
Electrochemical characterization, 45  
Electrokinetic properties, 17  
Electrolyte, 285  
Emulsion, 25  
End groups, 135  
ESCA, 183  
  
Fatty acids, 225  
Finely dispersed iron powders, 111  
Flocculation, 25  
Food powder, 183  
Fulvic acids, 279  
  
Gaussian-Lorentzian profiles, 191  
Glycine, 183  
  
Haematite, 117  
Heavy metal ions, 261  
Hg electrode, 271, 279  
Homogeneous non-ionic surfactants, 89  
  
Imogolite, 95  
Inorganic fibers, 95  
Interaction, 89  
Interfacial reactivity, 45  
Ionic surfactant, 155, 285  
  
Kinetics, 213  
  
Lactose, 183  
Lanthanum(III), 17  
Latex-protein complex, 55  
Lipid, 225  
Liposome, permeability 79  
Low energy surfaces, 63  
Lyotropic liquid crystals, 261  
  
Macromolecules, 271, 279  
Magnetic coagulation, 117  
Magnetic properties, 117  
Mesoporous phosphates, 191  
Methylvinylchlorosilane, 111  
Micellar dissociation concentration, 155  
Micellar solutions, 149  
Microemulsion, 155  
Milk proteins, 183  
Modification, 111  
Monomer-polymer particles, 135  
  
Non-equilibrium surface thermodynamics, 251  
Non-ionic surfactant, 25

Organometallic reverse micelles, 167  
Particle size, 155  
Partition coefficients, 79  
Peroxide-modified anatase, 9  
Poly(acrylic) acid, 89  
Polydispersity, 135  
Polyelectrolyte complex, 203  
Poly(ethylene glycol), 271, 279  
Poly(ethylene glycol) octylphenyl ethers, 213  
Poly(ethylene oxide), 235  
Polymer adsorption, 203  
Polymer aggregates, 135  
Polymorphism, 225  
Poly(propylene oxide), 235  
Polystyrene latex, 203  
Polysulphone membranes, 1  
Pore size distribution, 191  
Porosity, 37  
SEM, 183  
Sea water, 261  
SF theory, 235  
Silicone surfactants, 63  
Solubility product, 261  
Solubilization, 155  
Solution-air interface, 213  
Solution chemistry, 17  
Spray drying, 183  
Spreading, 63  
Statistical thermodynamics, 135  
Stratum corneum, 225  
Sulfonated polystyrene model, 55  
Surface dilational modulus, 251  
Surface structure, 111  
Surfactant adsorption, 1  
Surfactants, 1  
Thorium(IV), 17  
Tin tailings slurry, 17  
Transmission electron microscopy, 167  
Trapezoidal-pulse perturbation, 251  
Triton X-100, 149  
Turbidity, 155  
Ultrafiltration, 1  
Ultrafine, 117  
Ultrasonic, 25  
Unilamellar liposomes, 79  
UV absorption, 155  
Vitamin E, 155  
Wettability, 235  
Wetting, 63  
X-ray absorption spectroscopy, 167  
X-ray photoelectron spectroscopy, 45, 111  
Zirconia, 45